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From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

19 OCT 2004

To:

VERMETTE & CO.
Box 40, Granville Square
Suite 230-200 Granville Street
Vancouver, B.C. V6C 1S4
CANADA

NOTIFICATION OF RECEIPT
OF DEMAND BY COMPETENT INTERNATIONAL
PRELIMINARY EXAMINING AUTHORITY

(PCT Rules 59.3(e) and 61.1(b), first sentence
and Administrative Instructions, Section 601(a))

Date of mailing
(day/month/year)

04-12-2003

Applicant's or agent's file reference
2313-101

IMPORTANT NOTIFICATION

International application No.
PCT/CA 03/ 00593

International filing date (day/month/year)
23/04/2003

Priority date (day/month/year)
23/04/2002

Applicant

SONIC ENVIRONMENTAL SOLUTIONS INC. et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority considers the following date as the date of receipt of the demand for international preliminary examination of the international application:

21/11/2003

2. This date of receipt is:

- ☒ the actual date of receipt of the demand by this Authority (Rule 61.1(b)).
☐ the actual date of receipt of the demand on behalf of this Authority (Rule 59.3(e)).
☐ the date on which this Authority has, in response to the invitation to correct defects in the demand (Form PCT/IPEA/404), received the required corrections.

3. ☐ **ATTENTION:** That date of receipt is **AFTER** the expiration of 19 months from the priority date. Consequently, the election(s) made in the demand does (do) not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)). Therefore, the acts for entry into the national phase must be performed within 20 months from the priority date (or later in some Offices) (Article 22). For details, see the *PCT Applicant's Guide*, Volume II.

- ☐ (If applicable) This notification confirms the information given by telephone, facsimile transmission or in person on:

4. Only where paragraph 3 applies, a copy of this notification has been sent to the International Bureau.

Name and mailing address of the IPEA/



European Patent Office
D-80298 Munich
Tel. (+49-89) 2399-0, Tx: 523656 epmu d
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Authorized officer

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From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

VERMETTE & CO.
Box 40, Granville Square
Suite 230-200 Granville Street
Vancouver, B.C. V6C 1S4
CANADA

WRITTEN OPINION

(PCT Rule 66)

Date of mailing
(day/month/year) 17/12/2003

Applicant's or agent's file reference
2313-101

REPLY DUE
within 2 / 00 months/days
from the above date of mailing

International application No.

PCT/CA 03/ 00593

International filing date (day/month/year)

23/04/2003

Priority date (day/month/year)

23/04/2002

International Patent Classification (IPC) or both national classification and IPC

B09C1/02

Applicant

SONIC ENVIRONMENTAL SOLUTIONS INC. et al.

1. This written opinion is the first drawn up by this International Preliminary Examining Authority.

2. This opinion contains indications relating to the following items:

- I ☒ Basis of the opinion
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

3. The applicant is hereby invited to reply to this opinion.

When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(d).

How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3.
For the form and the language of the amendments, see Rules 66.8 and 66.9.

Also For an additional opportunity to submit amendments, see Rule 66.4.
For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4bis.
For an informal communication with the examiner, see Rule 66.6.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 23/08/2004

Name and mailing address of the IPEA/



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Authorized officer

Examiner

Formalities officer
(incl. extension of time limits)
Tel. (+49-89) 2399 2828



I. Basis of the opinion

1. The basis of this written opinion is the application as originally filed.

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

1. In light of the documents cited in the international search report, it is considered that the invention as defined in at least some of the claims does not appear to meet the criteria mentioned in Article 33(1) PCT, i.e. does not appear to be novel and/or to involve an inventive step (see international search report, in particular the documents cited X and/or Y and corresponding claims references).
2. If amendments are filed, the applicant should comply with the requirements of Rule 66.8 PCT and indicate the basis of the amendments in the documents of the application as originally filed (Article 34 (2) (b) PCT) otherwise these amendments may not be taken into consideration for the establishment of the international preliminary examination report. The attention of the applicant is drawn to the fact that if the application contains an unnecessary plurality of independent claims, no examination of any of the claims will be carried out.

NB: Should the applicant decide to request detailed substantive examination, then an international preliminary examination report will normally be established directly. Exceptionally the examiner may draw up a second written opinion, should this be explicitly requested.

Vermette & Co.

Barristers & Solicitors
Patent & Trademark Agents

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November 21, 2003

**VIA FAX NO. 011-49-89-2399-4465
CONFIRMATION BY COURIER**

European Patent Office
International Preliminary Examination Authority
D-80298 Munich
Germany

Dear Sirs/Mesdames:

Re: PCT Application No. PCT/CA03/00593
Int'l Filing Date: April 23, 2003
**Title: SONICATION TREATMENT OF POLYCHLORINATED
BIPHENYL CONTAMINATED MEDIA**
Applicant: Sonic Environmental Solutions Inc.
Inventors: Lorrie Hunt, Jim McKinley and Rod McElroy
Priority: US Provisional Patent Appl No. 60/374,512 filed April 23, 2002
Our File: 2313-101

Please find enclosed the following documents:

1. Demand for International Preliminary Examination under Chapter II, Article 31 of the Patent Cooperation Treaty;
2. Fee Calculation Sheet; and
3. Bank draft in the amount of \$1689.00EURO in payment of the preliminary examination fee and handling fee.

We trust you will find the above to be in order.

Yours truly,

VERMETTE & CO.



Clifford W. Vermette
Agent for the Applicant

CWV/kjg
encl.